



# Construction Technology

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## Core Curriculum

- Tools for Success (4 Hours)
- Introduction to Basic Safety (5 Hours)
- Introduction to Hand Tools (4 Hours)
- Introduction to Power Tools (4 Hours)
- Introduction to Blueprints (5 Hours)
- Basic Rigging (8 Hours)
- Basic Communication Skills (4 Hours)
- Basic Employability Skills (12 Hours)
- Work Ethic / Soft Skills
- 10 Hour OSHA Safety Training
- Drug Testing

### Construction Technology - Level I

- Layout One- Distance Measurement & Leveling (21 Hours)
- Introduction to Concrete and reinforcing Materials (14 Hours)
- Handling & Placing Concrete (21 Hours)
- Introduction to Masonry (21 Hours)
- Masonry Units and Installation Techniques (56 Hours)
- Floor Systems (28 Hours)
- Wall and Ceiling Framing (28 Hours)

### Construction Technology – Level II

- Roof Framing (35 Hours)
- Roofing Applications (28 Hours)
- Exterior Finishing (28 Hours)
- Stair System (14 Hours)
- Electrical Safety (14 Hours)
- Wiring: Commercial and Industrial (10.5 Hours)
- Introduction to Drain, Waste, and Vent Systems (10.5 Hours)
- Plastic Pipe and Fitting (10.5 Hours)
- Copper Pipe and Fittings (10.5 Hours)